

# Converting Colors

Hex(7D0FB0)

Have a look what the booklet for  
Hex(7D0FB0) contains.

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**Color**

**Hex(7D0FB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D0FB0
RGB	125, 15, 176
RGB Percent	49%, 6%, 69%
CMY	0.5098, 0.9412, 0.3098
CMYK	0.29, 0.91, 0.00, 0.31
HSL	281°, 84%, 37%
HSV	281°, 91%, 69%
XYZ	16.4647, 7.8362, 41.7190
YIQ	66.2440, 13.8790, 73.3910

# Conversions

## Conversions Part 2

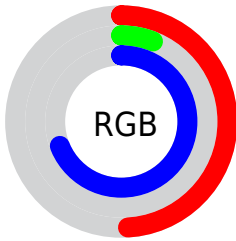
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 15, 176
Decimal	8196016
CIE <sub>Lab</sub>	33.64, 64.76, -59.68
CIE <sub>LCh</sub>	34, 88.065, 317.340
Yxy	7.8362, 0.2494, 0.1187
Android (android.graphics.Color)	4286386096 (0xFF7D0FB0)
YUV	66.2440, 54.1097, 51.5290
Hunter-Lab	27.9932, 56.0000, -68.7662

# Details

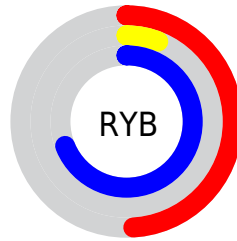
The Hex color **7D0FB0** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **42B00F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **B750E9**, and **44007A** is the 20% darker color. If you saturate the color by 10%, you get **7800B0**, and if you desaturate by 10%, it is **8321B0**.

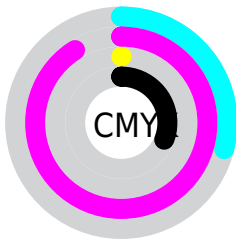
# Distribution



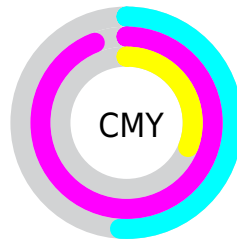
- Red (49%)
- Green (6%)
- Blue (69%)



- Red (49%)
- Yellow (6%)
- Blue (69%)



- Cyan (29%)
- Magenta (91%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (94%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D0FB0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7D0FB0 by changing the saturation by 10% instead.



 7D0FB0

 7D0FB0

FFFFFF

 610095

 B750E9

 44007A

 D46CFF

 270061

 F288FF

 000048

 FFA4FF

 000430

 FFC0FF

 00011A

 FFDDFF

 000000

 FFFBFF

 7D0FB0

 7D0FB0

7800B0

8321B0

8832B0

8E44B0

9355B0

9967B0

9E79B0

A48AB0

AA9CB0

AFADB0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



004CD9



7D0FB0



B60070

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7D0FB0



794100



006878

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7D0FB0



42B00F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00662E



7D0FB0



3A5800

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7D0FB0



A70000



006200



0068B7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7D0FB0



C00042



006200



00685F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7D0FB0



D2A8E6



0F45B0



674E73



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7D0FB0



9D00E6



B00F95



565059



690099



11001A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B00F42



E60049



0FB02A



595053



990030



1A0008



# Previews

## White Background



This preview shows how the Hex color 7D0FB0 looks on a white background.

## Color Contrast Check

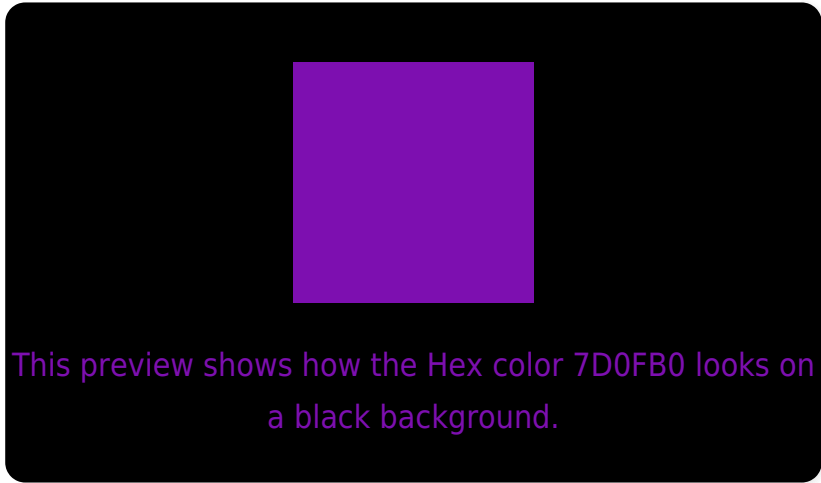
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

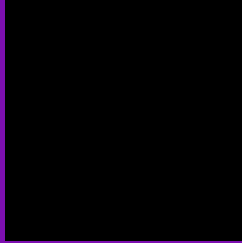
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D0FB0 Background



This preview shows how black text looks on a background with the Hex color 7D0FB0.



This preview shows how white text looks on a background with the Hex color 7D0FB0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
7D0FB0

**Protanopia**  
004EA4

**Deuteranopia**  
00538F



**Tritanopia**  
6C464B

# Trichromacy



**Original Color**  
7D0FB0



**Protanomaly**  
2D37A8



**Deuteranomaly**  
2D3A9B



**Tritanomaly**  
723270

# Monochromacy



**Original Color**  
7D0FB0



**Achromatopsia**  
424242



**Achromatomaly**  
572F6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D0FB0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7D0FB0 looks like.

```
.text, #text, p{  
    color:#7D0FB0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7D0FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0FB0
}
```

## Border

The CSS property to change the border of an element to Hex 7D0FB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

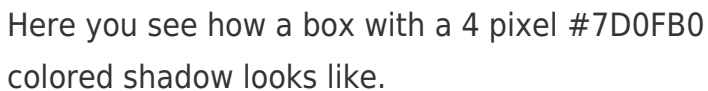
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D0FB0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7D0FB0 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7D0FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0FB0; -webkit-box-shadow:4px 4px  
4px 4px #7D0FB0; box-shadow:4px 4px 4px  
4px #7D0FB0 }
```

# Background

The CSS property to change the background color of an element to Hex 7D0FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0FB0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7D0FB0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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